

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/553,723
Source: PCT
Date Processed by STIC: 10/28/2005

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PCT

RAW SEQUENCE LISTING

DATE: 10/28/2005

PATENT APPLICATION: US/10/553,723

TIME: 09:17:24

Input Set : A:\PTO.RJ.txt

Output Set: N:\CRF4\10282005\J553723.raw

3 <110> APPLICANT: NATIONAL INSTITUTE OF AGROBIOLOGICAL SCIENCES
 5 <120> TITLE OF INVENTION: METHOD OF DISTINGUISHING EAR SHAPE AND RESISTANCE AGAINST
 GIBBERELLA ZEAE
 6 AND METHOD OF IMPROVING BARLEY PLANT USING THE SAME
 8 <130> FILE REFERENCE: MOA-A0301P
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/553,723
 C--> 10 <141> CURRENT FILING DATE: 2005-10-14
 10 <150> PRIOR APPLICATION NUMBER: JP 2003-110682
 11 <151> PRIOR FILING DATE: 2003-04-15
 13 <160> NUMBER OF SEQ ID NOS: 7
 15 <170> SOFTWARE: PatentIn version 3.1
 17 <210> SEQ ID NO: 1
 18 <211> LENGTH: 1091
 19 <212> TYPE: DNA
 20 <213> ORGANISM: Hordeum vulgare
 22 <400> SEQUENCE: 1
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 27 tcctgatgaa gtagttgaga tacagcgcat acatgcggat gaactggaaa tccaacttgg 180
 29 tcatgtggaa catattgtag atgtagtcaa atcgaggag gaattgattc gcgggccagg 240
 31 tatcgaagta caccttccca cccggcacct gagccgcgta aagcgggtat cctgaatctt 300
 33 tcacgaccag aaggcttttc tctctggcca gcacatcttc atggagtctc tttagatcat 360
 35 tgttcagtac gtgatctatt gttttggcag gtaggatcgg cttgccggcg acatggaaat 420
 37 gcttcttacc ttcgacgggt attctgtcta ccacccgggg ttccagaggc ggctagctgc 480
 39 ttgaagcatc tatggcgcc ttaagggcct ttcctggcca gtctcttctt ttgcttcttg 540
 41 gtgggtggcg gtagtgaacc caccatacct tccctaacca gacccccag tgtcatcggg 600
 43 ctagacagtg gacggcctcg gggggttgcg ggctagaggg ggcattctga ggcgtctcct 660
 45 gcgaggatgg cttgaagaga gactttttgc attccacctt aggacgttcc ggctccggaa 720
 47 aatcaggcaa catcaagtca tcgtctccac actcatagcc tatttcttcg gcgtcatgag 780
 49 ccataaatcc atcataggcg gtattgaaat acttggtcgg gtccatca tcatcctcca 840
 51 tgtcattatc aacatttgc tcttcgacag tggggtgaca tgatctggca ctaatggagg 900
 53 ctctccctcg cgttgtacgc taccatcatc tgccacgaca ggtgcaagta atttggtagg 960
 55 tgggatggtg ttcatacctt cttgagaagg tggcggttga gtgatactgg gctcctcgag 1020
 57 acgaataaga gacttcggcc aaggcaagaa tcagttcttg catgcgcaa tcatcttact 1080
 59 caggactcat c 1091
 62 <210> SEQ ID NO: 2
 63 <211> LENGTH: 253
 64 <212> TYPE: DNA
 65 <213> ORGANISM: Hordeum vulgare
 67 <400> SEQUENCE: 2
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 70 tacaattctt tttgggaacc acacataatg agtatagcat ggaagatact aataacgttt 120
 72 gtcgtaacgt tcacagtaaa gaacaccact caaaattata ttttcaatcc cgctttgaaa 180
 74 acttgagctc taggacttgt gcaaatcaat gcttacctct gcaaagggtc tatctattta 240

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76 ctcaggactc atc 253
79 <210> SEQ ID NO: 3
80 <211> LENGTH: 260
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82 <213> ORGANISM: Hordeum vulgare
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89 atccccggat ttaggctaca gtaatcttgg taattgaact acagtaaaca tatgcaaagg 180
91 atgccacatc atcgtgattc tattattgat ctcgtgatag tcgaaaccga gtcgaaaatc 240
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97 <211> LENGTH: 158
98 <212> TYPE: DNA
99 <213> ORGANISM: Hordeum vulgare
101 <400> SEQUENCE: 4
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104 ttcctccttc gtgggaggat cgatcttcat caacatattc accagcacca tctcatgtcc 120
106 aaccctagtt catctcgtgt atttactcag gactcatc 158
109 <210> SEQ ID NO: 5
110 <211> LENGTH: 514
111 <212> TYPE: DNA
112 <213> ORGANISM: Hordeum vulgare
114 <400> SEQUENCE: 5
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119 agagatcctt cgagatgggtg tggagaagtg tcacgcccaa gatgcgaccc tatectcaat 180
121 ttggcacgaa ggccttgtca tggatagaag cgcctctcgt cgtgtcgcaa gaatggatat 240
123 cgttacaagt acatgtactg aaaagaagag atatatatag aattggctta cactcgccac 300
125 aagctacatc agagtcacat cagtacatta cataatcatc aagagcaaga gcaggggccg 360
127 actacggacg aaaacaaacg ataaaaataa gaacagcgtc cgtccttget atcccagget 420
129 gccggcctgg aaccatcctt agatcgatga agaagaagaa gaagaagcaa ctccaaatga 480
131 acaatcaagg cgctcgcgtt actcaggact catc 514
134 <210> SEQ ID NO: 6
135 <211> LENGTH: 20
136 <212> TYPE: DNA
137 <213> ORGANISM: Artificial
139 <220> FEATURE:
140 <223> OTHER INFORMATION: an artificially synthesized primer sequence
142 <400> SEQUENCE: 6
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146 <210> SEQ ID NO: 7
147 <211> LENGTH: 20
148 <212> TYPE: DNA
149 <213> ORGANISM: Artificial
151 <220> FEATURE:
152 <223> OTHER INFORMATION: an artificially synthesized primer sequence
154 <400> SEQUENCE: 7
155 cagaggtgaag cattgatttg 20

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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/553,723

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Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 5

Invalid <213> Response:

OK
Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:6,7

VERIFICATION SUMMARY

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L:10 M:270 C: Current Application Number differs, Replaced Current Application No

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date